

Abstract

Described is a system and method that enable the incorporation of one namespace into another namespace while avoiding name collisions by defining namespaces with a common name and a unique identifier. In accordance with the invention, a namespace may incorporate another namespace by unique identifier and assign an alias to that incorporated namespace. The use of the alias provides a developer with the flexibility to reference the imported namespace and its declarations by common, understandable, or human-meaningful names. In addition, name collisions between the imported namespace and local declarations are avoided by the uniqueness provided by the unique identifier. Furthermore, by way of re-exports, multiple parallel namespace hierarchies can be formed over the same definitions to reflect multiple parallel taxonomies.

